

RAW SEQUENCE LISTING

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Application Serial Number: 10/583,537
Source: JFWP
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/583,537

DATE: 07/05/2006

TIME: 13:57:11

Input Set : A:\540947.txt
 Output Set: N:\CRF4\07052006\J583537.raw

3 <110> APPLICANT: Agrinomics LLC
 5 <120> TITLE OF INVENTION: GENERATION OF PLANTS WITH ALTERED OIL CONTENT
 7 <130> FILE REFERENCE: 6616-72631-06
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/583,537
C--> 9 <141> CURRENT FILING DATE: 2006-06-15
 9 <150> PRIOR APPLICATION NUMBER: PCT/US2004/042750
 10 <151> PRIOR FILING DATE: 2004-12-17
 12 <150> PRIOR APPLICATION NUMBER: 60/530,799
 13 <151> PRIOR FILING DATE: 2003-12-17
 15 <160> NUMBER OF SEQ ID NOS: 4
 17 <170> SOFTWARE: PatentIn version 3.2
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 981
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Arabidopsis thaliana
 24 <400> SEQUENCE: 1
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 27 tctgaaagca gaagcaatga agagttattc tctgattgtg atcaacaaca ttcttcata 120
 29 gctaacgagt tcggactaac ggagttgcct aaagacgata aagtttacga gcttatctac 180
 31 cgtcattgcc aatctaagct aacttctcac ttaagaatac agtttgagat tgtatcaatt 240
 33 ctcaagaacg gatttcaaacc accatttagga caagctaagc ttaaaggcctt tcaaataac 300
 35 gctgagtcg ttgcaaaagaa aagcggcagc tgctgtggaa acaaagctgc ggtggctgaa 360
 37 gcggcgagag tgaaaataacgg ttgttgcgggt gtggagaagg aagagttaaa agcgattcta 420
 39 atgtatggat ttagcaacaa tgccctatgt ctctcaccag acaatgctcc tcttcaatgt 480
 41 atgatagatc cttcatcatc ttgttaacgaa gacgggatta gcttcttgct gtttcaaga 540
 43 attattatgg gaaaatcaga gtttgtgtgc tcgacatcac aatcgatcc gagttctatg 600
 45 gagtttgatt caggtgtaga cagtttgaca tctccaaaca agtataattat ttggagcaca 660
 47 cacatgaaca ctcatgttt gcctgagttt gttgttgca tcaaaactcc atctatcttg 720
 49 aaaagaattt ctgatttggt atgttattt gatataaaaa acccgaaatc tccttgatt 780
 51 tcgttccgg tcttaatcaa ctcgatataa aagtttctaa atcaatcgca aatccgtctc 840
 53 attcataaaac actataaaaga acatcaagat aggagaatct cgcgggtgtga gttgattcaa 900
 55 cgcttgagaa gtataactgg agatagctt ttggttcaaa tcatcaaatc tggatggacaa 960
 57 aagttacata aagacacatg a 981
 60 <210> SEQ ID NO: 2
 61 <211> LENGTH: 326
 62 <212> TYPE: PRT
 63 <213> ORGANISM: Arabidopsis thaliana
 65 <400> SEQUENCE: 2
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 68 1 5 10 15
 71 Ser Thr Asn Ser Ser Glu Ser Arg Ser Asn Glu Glu Leu Phe Ser Asp
 72 20 25 30
 75 Cys Asp Gln Gln His Ser Ser Ile Ala Asn Glu Phe Gly Leu Thr Glu

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76	35	40	45	
79	Leu Pro Lys Asp Asp Lys Val Tyr Glu Leu Ile Tyr Arg His Cys Gln			
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83	Ser Lys Leu Thr Ser His Leu Ser Asn Gln Phe Glu Ile Val Ser Ile			
84	65	70	75	80
87	Leu Lys Asn Gly Phe Gln Thr Pro Leu Gly Gln Ala Lys Leu Lys Ala			
88	85	90	95	
91	Phe Gln Ile Tyr Ala Glu Ser Val Ala Lys Lys Ser Gly Ser Cys Cys			
92	100	105	110	
95	Gly Asn Lys Ala Ala Val Ala Glu Ala Ala Arg Val Lys Tyr Gly Cys			
96	115	120	125	
99	Cys Gly Val Glu Lys Glu Glu Leu Lys Ala Ile Leu Met Tyr Gly Phe			
100	130	135	140	
103	Ser Asn Asn Ala Leu Cys Leu Ser Pro Asp Asn Ala Pro Leu Gln Cys			
104	145	150	155	160
107	Met Ile Asp Pro Ser Ser Cys Asn Glu Asp Gly Ile Ser Phe Leu			
108	165	170	175	
111	Leu Phe Ser Arg Ile Ile Met Gly Lys Ser Glu Val Val Cys Ser Thr			
112	180	185	190	
115	Ser Gln Ser Tyr Pro Ser Ser Met Glu Phe Asp Ser Gly Val Asp Ser			
116	195	200	205	
119	Leu Thr Ser Pro Asn Lys Tyr Ile Ile Trp Ser Thr His Met Asn Thr			
120	210	215	220	
123	His Val Leu Pro Glu Phe Val Val Cys Ile Lys Thr Pro Ser Ile Leu			
124	225	230	235	240
127	Lys Arg Ile Ala Asp Leu Val Cys Leu Phe Asp Ile Glu Asn Pro Lys			
128	245	250	255	
131	Ser Pro Trp Ile Ser Phe Pro Val Leu Ile Asn Ser Ile Ser Lys Phe			
132	260	265	270	
135	Leu Asn Gln Ser Gln Ile Arg Leu Ile His Lys His Tyr Lys Glu His			
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139	Gln Asp Arg Arg Ile Ser Arg Cys Glu Leu Ile Gln Arg Leu Arg Ser			
140	290	295	300	
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154	<213> ORGANISM: Arabidopsis thaliana			
156	<400> SEQUENCE: 3			
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161	agtttatttc gtggcctcgg catgctcggg cctaaaaccc aggttgtctc cgttcgccga	180		
163	aacgcgtgct ccgacgtcgt ttcacaggcg cgccttcaact cgttcatgc tcacgccagg	240		
165	gcgggtggcga ggctccgccc cggcggaaat catgccaacg tqaagtacgc ctggtatcgt	300		
167	acgaacggcg aggacgacgt gaacgacatc gtttcgcaag gtttcggctt cgccacggc	360		
169	ccgaaactcg ttctctcccc tgacgacgct cctctccaaa gtgcgagagg gtgtggggtt	420		

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171	gggaaggacg	gtgtgaggca	cgcgttactg	tgcgcgtga	ttcttagggag	atcagagatt	480
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177	cctgcgtatg	ttgttaagctt	cagagttct	tccttcaaag	ggatggagaa	gagtgaagaa	660
179	gaaccttga	gacctacttc	gccttggatg	ccattccaa	ctctgattc	tgcgctttca	720
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194	aggcggctta	aactaatctt	actcggctac	tccccctccc	tcttcccccc	ttgcgagtgc	180
196	tcttgcgtac	ccagctgctg	ctgctgccc	cgatggggc	tctttctgg	tggtaagcc	240
198	tcattattgt	agaaaccaat	atcttatcac	cgactatgg	cctcatcgt	accaccagg	300
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206	cgaacctatc	ctccttgggt	agattgtctc	gagaaccaga	acttatgatc	tcagatatgt	540
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210	cagcatattc	agcatatatg	tgttatgca	cattagcatc	ccatacgtat	taattctgt	660
212	gatttgaag	atcatccaca	ccattatcaa	aacttccatt	ggatggctga	aattgtttg	720
214	atccaggcaa	aacaacctca	acattaccca	ttattacacg	gcacaacatc	attctgatga	780
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218	gacaagtccc	aacaccacaa	atggaccctt	tatgaggctt	cgcgatttcc	agagcacccc	900
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VERIFICATION SUMMARY

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Output Set: N:\CRF4\07052006\J583537.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date